LEF-ES Series

LEF-ES was developed for PV module protection under severe weathering and humidity condition. LEF-ES has been designed especially for crystalline silicone or thin film module by LGC's resin and film processing technology.

Features

- PolyOlefin Encapsulant Film
- Excellent Electrical Properties
- No Cross linking Required during Lamination
- No Acetic Acid Gas Generation
- Low Water Vapor Transmission Rate (WVTR)
- Excellent Adhesion to Glass and Backsheet Materials
- Higher Impact Resistance at Lower Temp.
- Good UV Stability and Damp Heat Duration

- More Economical Solution
- Shorter Press Cycle
- Reasonable Material Cost
- Customizable Solution
- Customized Color, thickness
 - & Properties

		LEF-ES
Thickness (µm)		450
Color		Transparent
Adhesion to Glass (N/15mm)		100
WVTR (38 °C / 90%) (g/m² ·day)		3.5
Volume Resistivity (ohm.cm)		> 3.0 x 1014
Dielectric Strength (V/mil)		> 600
Tensile Elongation (%)	MD	1400
	TD	1400
Tensile Strength (MPa)	MD	7.4
	TD	7.5
Optical Transmittance (%)		> 88
Haze		< 7

The data presented in this material are not guaranteed ones, only experimental ones



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LEF-ES series are UL recognized



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